We claim:

1. A method for selecting a network interface, the method comprising:

receiving a policy specifying user preferences;

selecting a network interface from a plurality of network interfaces by matching the user preferences to a network interface characteristic; and

modifying a routing table entry associated with the selected network interface.

2. The method of claim 1, wherein the routing table entry includes a metric field and further wherein modifying the routing table entry includes modifying the metric field.

3. The method of claim 1, wherein modifying the routing table includes raising the priority of the routing table entry associated with the selected network interface.

4. The method of claim 1, wherein modifying the routing table includes lowering the priority of a routing table entry not associated with the selected network interface.

5. The method of claim 1, wherein modifying the routing table includes deleting a routing table entry not associated with the selected network device.

6. The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a cost of using a network communicably coupled to the network interface.

7. The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a battery consumption characteristic of the network interface.

8. The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on the signal strength of the network interface.

9. The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a latency value associated with a network communicably coupled to the network interface.

10. The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a bandwidth associated with a network communicably coupled to the network interface.

11. The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a reliability value associated with a network communicably coupled to the preferred network interface.

12. The method of claim 1, wherein the policy is received from a user interface.

13. The method of claim 1, wherein the policy is received from a configuration file.

14. The method of claim 1, wherein the policy is received from an environment variable.

15. A computerized system comprising:
a user interface component operable to specify user preferences; and
a policy manager component operable to perform the tasks of:
receive the user preferences,
select a network interface from a plurality of network interfaces by matching the user preferences to a set of characteristics for a network interface, and
modify a routing table entry according to the selected network interface.

16. The computerized system of claim 15, further comprising a link monitor operable to notify the policy manager of changes in a link status of a network interface from the plurality of network interfaces.

17. The computerized system of claim 16, wherein the link monitor includes a wired link management component.

18. The computerized system of claim 16, wherein the link monitor includes a wireless link management component.

19. The computerized system of claim 16, wherein the link monitor notifies the policy manager of the link status change upon insertion or deletion of a network interface.

20. The computerized system of claim 16, wherein the link monitor notifies the policy manager of the link status change when a signal strength associated with the network interface crosses a predetermined threshold value.

21. The computerized system of claim 16, wherein the link monitor notifies the policy manager of the link status change upon a link roam.

22. The computerized system of claim 15, further comprising a routing table interface operable to provide a set of functions to modify the routing table.

23. A machine-readable medium having computer executable instructions to perform a method for selecting a network interface, the method comprising:

receiving a policy specifying user preferences;

selecting a network interface from a plurality of network interfaces by matching the user preferences to a network interface characteristic; and

modifying a routing table entry associated with the selected network interface.

24. The machine-readable medium of claim 23, wherein the routing table entry includes a metric field and further wherein modifying the routing table entry includes modifying the metric field.

25. The machine-readable medium of claim 23, wherein modifying the routing table includes raising the priority of the routing table entry associated with the selected network interface.

26. The machine-readable medium of claim 23, wherein modifying the routing table includes lowering the priority of a routing table entry not associated with the selected network interface.

27. The machine-readable medium of claim 23, wherein modifying the routing table includes deleting a routing table entry not associated with the selected network device.

28. The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a cost of using a network communicably coupled to the network interface.

29. The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a battery consumption characteristic of the network interface.

30. The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on the signal strength of the network interface.

31. The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a latency value associated with a network communicably coupled to the network interface.

32. The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a bandwidth associated with a network communicably coupled to the network interface.

33. The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a reliability value associated with a network communicably coupled to the preferred network interface.